

























































































































































































































































































































































tractus systematis nervosi centralis (par)  PARTONOMY LIST

FMA	TA	UID	Short official Latin term	Short English equivalent
76739		5078↓	tractus systematis nervosi centralis (par) 	tracts of central nervous system (pair) 
		7587	tractus originis systematis nervosi centralis (par) 	tracts of origin in central nervous system (pair) 
		8520	tractus originis telencephali (par) 	tracts of origin in telencephalon (pair) 
		7615	radices centrales telencephali (par) 	central roots of telencephalon (pair) 
		6371	fila olfactoria (par) 	olfactory fila (pair) 
77626		6197	tractus olfactorius (par) 	olfactory tract (pair) 
260714		7616	tractus associationis originis telencephali (par)  ; tractus associationis cerebri (par) 	association tracts of telencephalon (pair); association tracts of brain (pair)
260717		6274↓	fibrae associationis breves (par); fibrae U-figuratae (par)	short association fibres (pair); U-fibres (pair) ▲
77630		6273↓	fibrae associationis longae (par)	long association fibres (pair) ▲
		14223	systema longitudinale superius (par) 	superior longitudinal system (pair) 
77631		6272↓	fasciculus longitudinalis superior (par) 	superior longitudinal fasciculus (pair) 
		9484	fasciculus longitudinalis superior I (par) 	superior longitudinal fasciculus I (pair) 
		9485	fasciculus longitudinalis superior II (par) 	superior longitudinal fasciculus II (pair) 
		9486	fasciculus longitudinalis superior III (par) 	superior longitudinal fasciculus III (pair) 
		11829	fasciculus frontooccipitalis (par) 	frontooccipital fasciculus (pair) 
77634		6277	(fasciculus occipitofrontalis superior (par) 	(superior occipitofrontal fasciculus (pair) 
276650		6269↓	fasciculus arcuatus (par) 	arcuate fasciculus (pair) 
		14203	systema longitudinale inferius (par) 	inferior longitudinal system (pair) 
		14221	fasciculus frontooccipitalis inferior (par) 	inferior frontooccipital fasciculus (pair) 
77636		6275	fasciculus uncinatus cerebri (par) 	uncinate fasciculus of brain (pair) 
77633		6276	(fasciculus occipitofrontalis inferior (par) 	(inferior occipitofrontal fasciculus (pair) 
		14215	systema longitudinale medium (par) 	middle longitudinal system (pair) 
		14222	fasciculus longitudinalis medius (par) 	middle longitudinal fasciculus (pair) 
		14216	systema longitudinale basale (par) 	basal longitudinal system (pair) 
77632		6271	fasciculus longitudinalis inferior (par) 	inferior longitudinal fasciculus (pair) 
		14217	systema longitudinale mesiale (par) 	mesial longitudinal system (pair) 
260761		6270	cingulum (par) 	cingulum (pair) 
		14218	systema transversum anterius (par) 	anterior transverse system (pair) 
		9510↓	fasciculus frontalis obliquus (par) 	oblique frontal fasciculus (pair)  ; frontal aslant tract (pair)
		14219	systema transversum posterius (par) 	posterior transverse system (pair) 
83457		11830	fasciculus temporoparietalis verticalis (par) 	vertical temporoparietal fasciculus (pair)  ; temporoparietal aslant tract (pair)
		14220	fibrae associationis lobares	lobar association fibres ▲
		9511	fasciculus frontalis orbitopolaris (par) 	orbitopolar frontal fasciculus (pair) 
		9512	fasciculus frontomarginalis (par) 	frontomarginal fasciculus (pair) 
		6278↓	fasciculi occipitales verticales (par) 	vertical occipital fasciculi (pair) 
		6279	fibrae laterales (par) 	lateral fibres (pair)  ▲
		6280	fibrae caudales (par) 	caudal fibres (pair)  ▲
		6281	fasciculi occipitales horizontales (par) 	horizontal occipital fasciculi (pair) 


















		6282	fibrae cuneatae (par) 	cuneate fibres (pair)  ▲
		6283	fibrae linguales (par) 	lingual fibres (pair)  ▲
62076		9508↓	pedunculus temporalis (par) 	temporal peduncle (pair) 
		8522	tractus commissurales originis cerebri (par); tractus commissurales cerebri (par) 	commissural tracts of telencephalon (pair); commissural tracts of brain (pair) 
86464		6077	corpus callosum  	corpus callosum 
		6285	fibrae corporis callosi (par) 	fibres of corpus callosum (pair)  ▲
77693		6085	radiatio corporis callosi (par) 	radiation of corpus callosum (pair) 
61944		6086	forceps minor (par)  ; forceps frontalis (par) 	lesser forceps (pair)  ; frontal forceps (pair) 
61949		6087	forceps major (par)  ; forceps occipitalis (par) 	major forceps (pair); occipital forceps (pair) 
77208		6088	tapetum (par) 	tapetum (pair) 
61961		5799	commissura anterior (par) 	anterior commissure (pair) 
61963		6089	pars anterior commissurae anterioris (par) 	anterior part of anterior commissure (pair) 
61964		6090	pars posterior commissurae anterioris (par) 	posterior part of anterior commissure (pair) 
		13172	tractus commissurales hippocampi (par) 	commissural tracts of hippocampus (pair) 
61970		6286↓	commissura hippocampi (par)  ; psalterium (par) 	hippocampal commissure (pair); psalterium (pair) 
		8523	tractus longi originis telencephali (par) 	long tracts of origin in telencephalon (pair) 
		8524	tractus descendentes originis cerebri (par)	descending tracts of origin in telencephalon (pair) 
		9544	fibrae corticostriatales (par) 	corticostriatal fibres (pair)  ▲
61960		6267↓	capsula extrema (par) 	extreme capsule (pair) 
77637		9509↓	fasciculus subcallosus (par) 	subcallosal bundle (pair)
		8525	fibrae corticothalamicae (par) 	corticothalamic fibres (pair)  ▲
72634		8526	tractus pyramidalis (par) 	pyramidal tract (pair) 
		11831	pars capsularis (par) 	capsular part (pair) 
		5588	pars mesencephalica (par) 	mesencephalic part (pair) 
		14242	pars rhombencephalica rostralis (par)  ; ; pars pontina (par) 	rostral rhombencephalic part (pair)  ; pontine part (pair) 
72634		5289	pars rhombencephalica caudalis (par)  ; ; pars bulbaris (par) 	caudal rhombencephalic part (pair)  ; bulbar part (pair) 
		5293	decussatio pyramidum (par) ; decussatio motoria (par)	decussation of pyramids (pair); motor decussation (pair)
		14254	pars spinalis (par) 	spinal part (pair) 
		8527	tractus corticospinalis (par) 	corticospinal tract (pair) 
		6250	pars capsularis (par) 	capsular part (pair)  ▲
		5589	pars mesencephalica (par) 	mesencephalic part (pair)  ▲
		5434	pars rhombencephalica rostralis (par)  ; pars pontina (par) 	rostral rhombencephalic part (pair)  ; pontine part (pair)  ▲
		5290	pars rhombencephalica caudalis (par)  ; pars bulbaris (par) 	caudal rhombencephalic part (pair)  ; bulbar part (pair) 
		14256	pars spinalis (par) 	spinal part (pair) 
		8530	tractus corticospinalis anterior (par)  ; tractus corticospinalis ventralis (par) 	anterior corticospinal tract (pair)  ; ventral corticospinal tract (pair) 
		8531	tractus corticospinalis lateralis (par) 	lateral corticospinal tract (pair) 
		14257	tractus corticomesecephalicus (par) 	corticomesecephalic tract (pair) 
		5624	fibrae corticomesecephalicae (par) 	corticomesecephalic fibres (pair)  ▲
		6261	fibrae corticotectales (par) 	corticotectal fibres (pair)  ▲
		6256	fibrae occipitotectales (par) 	occipitotectal fibres (pair)  ▲
		14258	pars capsularis (par) 	capsular part (pair) 













	14259	pars mesencephalica (par)	mesencephalic part (pair)
	9196	tractus corticorubralis (par)	corticorubral tract (pair) ▲
75235	6249	pars capsularis (par)	capsular part (pair) ▲
	11907	pars mesencephalica (par)	mesencephalic part (pair)
	8528	tractus corticoreticularis (par)	corticoreticular tract (pair)
75202	6248	pars capsularis (par)	capsular part (pair)
75202	5596	pars mesencephalica (par)	mesencephalic part (pair) ▲
	5436	pars rhombencephalica rostralis (par) ; pars pontina (par)	rostral rhombencephalic part (pair) ; pontine part (pair) ▲
75202	5292	pars rhombencephalica caudalis (par) ; pars bulbaris (par)	caudal rhombencephalic part (pair) ; bulbar part (pair) ▲
	12525	tractus corticonuclearis (par)	corticonuclear tract (pair) ▲
75222	6245	pars capsularis (par)	capsular part (pair) ▲
75219	5603	pars mesencephalica (par)	mesencephalic part (pair) ▲
75214	5435	pars rhombencephalica rostralis (par) ; pars pontina (par)	rostral rhombencephalic part (pair) ; pontine part (pair)
75201	5291	pars rhombencephalica caudalis (par) ; pars bulbaris (par)	caudal rhombencephalic part (pair) ; bulbar part (pair) ▲
	12543	tractus corticopontini (par)	corticopontine tracts (pair)
75223	6243	tractus frontopontinus (par)	frontopontine tract (pair)
	8532	fibrae frontopontinae (par)	frontopontine fibres (pair) ▲
	8533	tractus occipitoparietotemporopontinus (par)	occipitoparietotemporopontine tract (pair)
	8534	fibrae occipitopontinae (par)	occipitopontine fibres (pair) ▲
	8535	fibrae parietopontinae (par)	parietopontine fibres (pair) ▲
	8536	fibrae temporopontinae (par)	temporopontine fibres (pair) ▲
	13173	fasciculus angularis (par)	angular bundle (pair)
	9395	tractus perforans (par)	perforating tract (pair)
84379	6193	fasciculus peduncularis descendens (par)	descending peduncular fasciculus (pair)
	8538	tractus proprii hippocampi (par) ; tractus intrinseci hippocampi (par)	proper tracts of hippocampus (pair) ; intrinsic tracts of hippocampus (pair)
	9396	neurofibrae muscosae hippocampi (par)	mossy fibres of hippocampus (pair) ▲
	9397	collaterales axonales hippocampi proprii (par)	axonal collaterals of proper hippocampus (pair)
	8539↓	via endofolialis (par)	endfolial pathway (pair)
	9398	collaterales axonales hilares hippocampi proprii (par)	hilar axonal collaterals of proper hippocampus (pair)
	9331	tractus descendentes hippocampi (par) ; tractus descendentes originis hippocampi (par)	descending tracts of hippocampus (pair) ; descending tracts of origin in hippocampus (pair)
83867	6156	alveus hippocampi (par)	alveus (pair)
83866	6075	fimbria hippocampi (par)	fimbria (pair)
61965	6091	fornix (par)	fornix (pair)
61969	6095	crus fornix (par)	limb of fornix (pair)
61968	6094	corpus fornix (par)	body of fornix (pair)
61968	5798	columna fornix (par)	column of fornix (pair)
	8540	fornix precommissuralis (par)	precommissural fornix (pair)
75251	6092	fibrae precommissurales fornix (par)	precommissural fibres of fornix (pair) ▲
	8541	fornix postcommissuralis (par)	postcommissural fornix (pair)
75252	6093	fibrae postcommissurales fornix (par)	postcommissural fibres of fornix (pair) ▲
	8542	tractus descendentes amygdalae (par)	descending tracts of amygdala (pair)
61974	6111	stria terminalis (par)	stria terminalis (pair)
	8543	fibrae amygdalostriatales (par)	amygdalostriatal fibres (pair) ▲






























	8544	fasciculus amygdalofugalis ventralis (par) 	ventral amygdalofugal bundle (pair)
	8126	fibrae amygdalotegmentales (par) 	amygdalotegmental fibres (pair)  ▲
	9147	tractus originis nuclei basalis (par)	tracts of origin in basal nuclei (pair) 
	11868	tractus intrinseci originis nuclei basalis (par)	intrinsic tracts of origin in basal nuclei (pair) 
62469	 6223	lamina medullaris lateralis (par)  ; lamina medullaris externa (par) 	lateral medullary layer (pair)  ; external medullary layer (pair) 
62470	 6225	lamina medullaris medialis (par)  ; lamina medullaris interna (par) 	medial medullary layer (pair)  ; internal medullary layer (pair) 
	8348	tractus descendentes originis nuclei basalis (par)	descending tracts of origin in basal nuclei (pair) 
	8546	fibrae striatopallidales (par) 	striatopallidal fibres (pair)  ▲
	8118	fibrae striatonigrales (par) 	striatonigral fibres (pair)  ▲
62070	 5874	ansa lenticularis (par) 	ansa lenticularis (pair)
61976	 5875	fasciculus lenticularis (par) 	lenticular fasciculus (pair) 
62065	 5890	fasciculus thalamicus (par) 	thalamic fasciculus (pair) 
77525	 5888	fasciculus subthalamicus (par) 	subthalamic fasciculus (pair) 
	8122	fibrae pallidofugales (par) 	pallidofugal fibres (pair)  ▲
	8547	fibrae pallidosubthalamicae (par) 	pallidosubthalamic fibres (pair)  ▲
	8548	fibrae pallidothalamicae (par) 	pallidothalamic fibres (pair)  ▲
	8549	fibrae pallidohabenuales (par) 	pallidohabenuar fibres (pair)  ▲
	8550	fibrae pallidonigrales (par) 	pallidonigral fibres (pair)  ▲
	8551	fibrae pallidotegmentales (par) 	pallidotegmental fibres (pair)  ▲
	8410	tractus originis hypothalami (par) 	tracts of origin in hypothalamus (pair) 
	8508	radices centrales originis hypothalami (par) 	central roots of origin in hypothalamus (pair) 
62046	 5782	tractus opticus  	optic tract  
84574	 5783	radix lateralis  	lateral root  
84575	 5784	radix medialis  	medial root  
77010	 5969	tractus retinohypothalamicus (par) 	retinohypothalamic tract (pair) 
	8411	tractus proprii hypothalami (par)  ; tractus intrinseci hypothalami (par) 	proper tracts of hypothalamus (pair)  ; intrinsic tracts of hypothalamus (pair) 
	5966	fibrae periventriculares hypothalami (par) 	periventricular fibres of hypothalamus (pair)  ▲
	8413	tractus commissurales originis hypothalami (par) 	commissural tracts of origin in hypothalamus (pair) 
	7591	commissurae supraopticae (par) 	supraoptic commissures (pair) 
62051	 5956	commissura supraoptica dorsalis (par) 	dorsal supraoptic commissure (pair) 
62052	 5968	commissura supraoptica ventralis (par) 	ventral supraoptic commissure (pair) 
	8414	tractus efferentes originis hypothalami (par) 	efferent tracts of origin in hypothalamus (pair) 
62080	 5774	stria medullaris prethalami (par)  ; stria medullaris thalami (par) 	stria medullaris of prethalamus (pair); stria medullaris of thalamus (pair)
	7939	fasciculus mammillaris principalis (par) 	principal mammillary fasciculus (pair)  ▲
	8654	fasciculus mammillothalamicus (par) 	mammillothalamic fasciculus (pair)  ; mammillothalamic tract (pair) ▲
	8655	fasciculus mammillotegmentalis (par) 	mammillotegmental fasciculus (pair)  ▲
	7950	fasciculus prosencephali medialis descendens (par)	descending medial fasciculus of prosencephalon (pair)  ; descending medial forebrain bundle (pair)
	7963	fibrae hypothalamocorticales (par) 	hypothalamocortical fibres (pair)  ▲
77008	 5959	tractus hypothalamohypophysiales (par) 	hypothalamohypophysial tracts (pair) 
77009	8656	tractus paraventriculohypophysialis (par) 	paraventriculohypophysial tract (pair) 
	5960	fibrae paraventriculohypophysiales (par) 	paraventriculohypophysial fibres (pair)  ▲
	8657	tractus supraopticohypophysialis (par) 	supraopticohypophysial tract (pair) 




















		5961	fibrae supraopticohypophysiales (par) 	supraopticohypophysial fibres (pair) 
72482		8415	tractus hypothalamospinalis (par) 	hypothalamospinal tract (pair) 
		8751	fasciculus longitudinalis posterior descendens (par)  ; fasciculus longitudinalis dorsalis descendens (par) 	descending posterior longitudinal fasciculus (pair)  ; descending dorsal longitudinal fasciculus (pair) 
		8759	pars hypothalamica (par) 	hypothalamic part (pair) 
88845		5955	pars diencephalica (par) 	diencephalic part (pair) 
72453		5612	pars mesencephalica (par) 	mesencephalic part (pair) 
72492		5456	pars rhombencephalica rostralis (par) 	rostral rhombencephalic part (pair) 
72617		5301	pars rhombencephalica caudalis (par) 	caudal rhombencephalic part (pair) 
		8752	pars spinalis (par) 	spinal part (pair) 
		7917	tractus originis diencephali (par) 	tracts of origin in diencephalon (pair) 
		14261	radices centrales originis diencephali (par) 	central roots of origin in diencephalon (pair) 
62046		5782	tractus optici (par) 	optic tract (pair) 
84574		5783	radix lateralis (par) 	lateral root (pair) 
84575		5784	radix medialis (par) 	medial root (pair) 
62445		7623	tractus commissurales originis diencephali (par) 	commissural tracts of origin in diencephalon (pair) 
62048		5792	commissura habenulae (par) 	habenular commissure (pair) 
62072		5794	commissura posterior (par) 	posterior commissure (pair) 
		8505	tractus proprii diencephali (par)  ; tractus intrinseci diencephali (par) 	proper tracts of diencephalon (pair)  ; intrinsic tracts of diencephalon (pair) 
62469		5871	lamina medullaris lateralis (par) 	external medullary lamina (pair)
62470		5872	lamina medullaris medialis (par) 	internal medullary lamina (pair)
		5880	fibrae intrathalamicae (par) 	intrathalamic fibres (pair)  ▲
		5885	fibrae periventriculares thalami (par) 	periventricular fibres of thalamus (pair)  ▲
		7622	tractus longi originis diencephali (par) 	long tracts of origin in diencephalon (pair) 
		8496	tractus ascendentes originis diencephali (par) 	ascending tracts of origin in diencephalon (pair) 
		7918	fibrae thalamostriatales (par) 	thalamostriatal fibres (pair)  ▲
		7922	fibrae subthalamopallidales (par) 	subthalamopallidal fibres (pair)  ▲
		7581	radiationes thalamicae (par) 	thalamic radiations (pair) 
76976		5877	radiatio thalamica anterior (par)  ; radiatio anterior thalami (par) 	anterior thalamic radiation (pair) 
		8498	fibrae thalamofrontales (par) 	thalamofrontal fibres (pair)  ▲
76978		5878	radiatio thalamica centralis (par)  ; radiatio centralis thalami (par) 	central thalamic radiation (pair) 
		7574	fibrae thalamoparietales (par) 	thalamoparietal fibres (pair)  ▲
76980		5879	radiatio thalamica inferior (par)  ; radiatio inferior thalami (par) 	inferior thalamic radiation (pair) 
		5876	fibrae thalamotemporales (par) 	thalamotemporal fibres (pair)  ▲
76982		5886	radiatio thalamica posterior (par)  ; radiatio posterior thalami (par) 	posterior thalamic radiation (pair) 
		8500	radiatio acustica (par) 	acoustic radiation (pair) 
		12176	fibrae geniculotemporales (par) 	geniculotemporal fibres (pair)  ▲
62413		6260	pars telencephalica (par) 	telencephalic part (pair)  ▲
62413		5873	pars diencephalica (par) 	diencephalic part (pair) 
61941		5884	radiatio optica (par) 	optic radiation (pair)  ▲
		12178	fibrae geniculocalcarinae (par) 	geniculocalcarine fibres (pair)  ▲
		7923	fasciculus anterior (par) 	anterior bundle (pair)
		7924	fasciculus centralis (par) 	central bundle (pair)
		7925	fasciculus dorsalis (par) 	dorsal bundle (pair)
		11856	fasciculus peduncularis ascendens (par) 	ascending peduncular fasciculus (pair) 

8489	tractus descendentes originis diencephali (par)	descending tracts of origin in diencephalon (pair)
5802	tractus habenuolinterpeduncularis (par) ; fasciculus retroflexus (par)	habenuolinterpeduncular tract (pair) ; fasciculus retroflexus (pair)
72400 8727	pars diencephalica (par)	diencephalic part (pair)
8728	pars mesencephalica (par)	mesencephalic part (pair)
9052	pars rhombencephalica rostralis (par)	rostral rhombencephalic part (pair)
8490	tractus tegmentalis medialis (par)	medial tegmental tract (pair)
8491	tractus pretectoolivaris (par)	pretectoolivary tract (pair)
8755	pars diencephalica (par)	diencephalic part (pair)
8729	pars mesencephalica (par)	mesencephalic part (pair)
8730	pars rhombencephalica rostralis (par)	rostral rhombencephalic part (pair)
8731	pars rhombencephalica caudalis (par)	caudal rhombencephalic part (pair)
8492	tractus prerubroolivaris (par)	prerubroolivary tract (pair)
8758	pars diencephalica (par)	diencephalic part (pair)
8745	pars mesencephalica (par)	mesencephalic part (pair)
8746	pars rhombencephalica rostralis (par)	rostral rhombencephalic part (pair)
8747	pars rhombencephalica caudalis (par)	caudal rhombencephalic part (pair)
8495	fasciculus longitudinalis medialis descendens (par)	descending medial longitudinal fasciculus (pair)
8494	tractus interstitiospinalis (par)	interstitiospinal tract (pair)
8753	pars diencephalica (par)	diencephalic part (pair)
8725	pars mesencephalica (par)	mesencephalic part (pair)
5481	pars rhombencephalica rostralis (par)	rostral rhombencephalic part (pair)
5314	pars rhombencephalica caudalis (par)	caudal rhombencephalic part (pair)
5213	pars spinalis (par)	spinal part (pair)
8488	tractus originis mesencephali (par)	tracts of origin in mesencephalon (pair)
9461	radices centrales mesencephali (par)	central roots of mesencephalon (pair)
72489 5464	tractus mesencephalicus nervi trigeminalis (par)	mesencephalic tract of trigeminal nerve (pair)
8487	tractus commissurales originis mesencephali (par)	commissural tracts of origin in mesencephalon (pair)
72418 5682	commissura colliculi superioris (par)	commissure of superior colliculus (pair)
71115 5681	commissura colliculi inferioris (par)	commissure of inferior colliculus (pair)
8486	tractus longi originis mesencephali (par)	long tracts of origin in mesencephalon (pair)
8484	tractus ascendentes originis mesencephali (par)	ascending tracts of origin in mesencephalon (pair)
72417 5584	brachium colliculi superioris (par)	brachium of superior colliculus (pair)
71114 5583	brachium colliculi inferioris (par)	brachium of inferior colliculus (pair)
8485	fibrae nigrostriatales (par)	nigrostriatal fibres (pair) ▲
8478	tractus descendentes originis mesencephali (par)	descending tracts of origin in mesencephalon (pair)
8479	tractus tectobulbaris (par)	tectobulbar tract (pair)
7503	decussatio tegmentalis dorsalis (par) ; decussatio tegmentalis posterior (par)	dorsal tegmental decussation (pair) ; posterior tegmental decussation (pair)
5458	fibrae tectoolivares (par)	tectoolivary fibres (pair) ▲
5459	fibrae tectoreticulares (par)	tectoreticular fibres (pair) ▲
8480	tractus tectospinalis (par)	tectospinal tract (pair)
7503	decussatio tegmentalis dorsalis ; decussatio tegmentalis posterior	dorsal tegmental decussation ; posterior tegmental decussation
12386	pars mesencephalica (par)	mesencephalic part (pair)











	12387	pars rhombencephalica rostralis (par) ^U	rostral rhombencephalic part (pair) ^U
72620	 5299	pars rhombencephalica caudalis (par) ^U	caudal rhombencephalic part (pair) ^U
73983	 5214	pars spinalis (par) ^U	spinal part (pair) ^U
	8481	tractus rubrospinalis (par) ^U	rubrospinal tract (pair) ^U
72452	 5623	decussatio tegmentalis ventralis (par) ^U ; decussatio tegmentalis anterior (par) ^U	decussation of rubrospinal tract (pair); anterior tegmental decussation (pair) ^U ; ventral tegmental decussation (pair) ^U
72640	 5614	pars mesencephalica (par) ^U	mesencephalic part (pair) ^U
72640	 5483	pars rhombencephalica rostralis (par) ^U	rostral rhombencephalic part (pair) ^U
72640	 5323	pars rhombencephalica caudalis (par) ^U	caudal rhombencephalic part (pair) ^U
73995	 5223	pars spinalis (par) ^U	spinal part (pair) ^U
	8482	fibrae rubrocerebellares (par) ^U	rubrocerebellar fibres (pair) ^U ▲
	8483	fibrae rubrofaciales (par) ^U	rubrofacial fibres (pair) ^U ▲
83850	 5476	tractus tegmentalis centralis (par) ^U	central tegmental tract (pair) ^U
	14230	pars mesencephalica (par) ^U	mesencephalic part (pair) ^U
	14231	pars rhombencephalica rostralis (par) ^U	rostral rhombencephalic part (pair) ^U
	14232	pars rhombencephalica caudalis (par) ^U	caudal rhombencephalic part (pair) ^U
77050	 5322	tractus rubroolivares (par) ^U	rubroolivary tracts (pair) ^U
72611	 5303	amiculum olivare (par) ^U	amiculum of olive (pair)
	8475	tractus originis cerebelli (par) ^U	tracts of origin in cerebellum (pair) ^U
	8474	tractus commissurales originis cerebelli (par) ^U	commissural tracts of origin in cerebellum (pair) ^U
77522	 5762	commissura cerebelli (par) ^U	cerebellar commissure (pair) ^U
	8471	tractus longi originis cerebelli (par) ^U	long tracts of origin in cerebellum (pair) ^U
	8472	tractus ascendentes originis cerebelli (par) ^U	ascending tracts of origin in cerebellum (pair) ^U
	8439	tractus cerebellorubralis (par) ^U	cerebellorubral tract (pair) ^U
	8465	tractus cerebellothalamicus (par) ^U	cerebellothalamic tract (pair) ^U
	8463	tractus descendentes originis cerebelli (par) ^U	descending tracts of origin in cerebellum (pair) ^U
72490	 5763	fasciculus uncinatus cerebelli (par) ^U	uncinate fasciculus of cerebellum (pair) ^U
	8466	fibrae cerebellovestibulares (par) ^U	cerebellovestibular fibres (pair) ^U ▲
	8467	fibrae cerebelloolivares (par) ^U ; fibrae nucleoolivares (par) ^U	cerebelloolivary fibres (pair) ^U ; nucleoolivary fibres (pair) ^U ▲
	8468	fibrae fastigiobulbares (par) ^U	fastigiobulbar fibres (pair) ^U ▲
	7883	tractus cerebellospinales (par) ^U	cerebellospinal tracts (pair) ^U
75690	8469	tractus fastigiospinalis (par) ^U	fastigiospinal tract (pair) ^U
	7916	fibrae fastigiospinales (par) ^U	fastigiospinal fibres (pair) ^U ▲
75691	 5221	tractus interpositospinalis (par) ^U	interpositospinal tract (pair) ^U
	8422	tractus originis rhombencephali rostralis (par) ^U	tracts of origin in rostral rhombencephalon (pair) ^U
52609	9462	radices centrales rhombencephali rostralis (par) ^U	central roots of rostral rhombencephalon (pair) ^U
	8441	decussatio nervi trochlearis (par) ^U	decussation of trochlear nerve (pair) ^U
72510	 5465	genu nervi facialis (par) ^U	genu of facial nerve (pair) ^U
83851	 5302	tractus spinalis nervi trigeminalis (par) ^U	spinal tract of trigeminal nerve (pair) ^U
	 5439	tractus commissurales originis rhombencephali rostralis (par) ^U	commissural tracts of origin in rostral rhombencephalon (pair) ^U ▲
	14235	tractus pontocerebellaris (par) ^U	pontocerebellar tract (pair) ^U
	11532	fibrae pontocerebellares (par) ^U	pontocerebellar fibres (pair) ^U ▲
	 5440	pars rhombencephalica rostralis (par) ^U ; pars pontina (par) ^U	rostral rhombencephalic part (pair) ^U ; pontine part (pair) ^U ▲
	11787	pars cerebellaris (par) ^U	cerebellar part (pair) ^U
	8440	commissura nuclei dorsalis lemnisci lateralis (par) ^U	commissure of dorsal nucleus of lateral lemniscus (pair) ^U

	8436	tractus proprii originis rhombencephali rostralis (par) ^U ; tractus intrinseci originis rhombencephali rostralis (par) ^U	proper tracts of origin in rostral rhombencephalon (pair) ^U ; intrinsic tracts of origin in rostral rhombencephalon (pair) ^U
72485	 5467	tractus olivocochlearis (par) ^U	olivocochlear bundle (pair)
	 5433	tractus longi originis rhombencephali rostralis (par) ^U	long tracts of origin in rostral rhombencephalon (pair) ^U ▲
	8423	tractus ascendentes originis rhombencephali rostralis (par) ^U	ascending tracts of origin in rostral rhombencephalon (pair)
	8424	projectiones auditoriae (par) ^U	auditory projections (pair) ^U
72487	 5466	corpus trapezoideum (par) ^U	trapezoid body (pair) ^U
	8425	striae cochleares (par)	acoustic striae (pair) ^U
72498	 5470	stria cochlearis anterior (par); stria cochlearis ventralis (par)	anterior acoustic stria (pair) ^U ; ventral acoustic stria (pair)
72497	 5471	stria cochlearis intermedia (par)	intermediate acoustic stria (pair) ^U
72496	 5472	stria cochlearis posterior (par)	posterior acoustic stria (pair) ^U ; dorsal acoustic stria (pair)
72502	 5468	lemniscus lateralis (par) ^U	lateral lemniscus (pair) ^U
62061	8040	pedunculus mammillaris (par) ^U	mammillary peduncle (pair) ^U ▲
83852	8426↓	tractus trigeminothalamici (par) ^U	trigeminothalamic tracts (pair) ^U
		tractus trigeminothalamicus posterior (par) ^U ; tractus trigeminothalamicus dorsalis (par) ^U	posterior trigeminothalamic tract (pair) ^U ; dorsal trigeminothalamic tract (pair) ^U
72500	 5463	tractus trigeminothalamicus anterior (par) ^U ; tractus trigeminothalamicus ventralis (par) ^U ; lemniscus trigeminalis (par)	anterior trigeminothalamic tract (pair) ^U ; ventral trigeminothalamic tract (pair) ^U ; trigeminal lemniscus (pair)
	 5462		
	12170	tractus trigeminothalamicus lateralis (par) ^U	lateral trigeminothalamic tract (pair) ^U
	7460↓	tractus vestibulomesencephalici (par) ^U	vestibulomesencephalic tracts (pair) ^U
	8428	tractus vestibulomesencephalicus lateralis (par) ^U	lateral vestibulomesencephalic tract (pair) ^U
	8427	tractus vestibulomesencephalicus medialis (par) ^U	medial vestibulomesencephalic tract (pair) ^U
	8429	tractus vestibulomesencephalicus ventralis (par) ^U	ventral vestibulomesencephalic tract (pair) ^U
	8430↓	tractus vestibulothalamicus (par) ^U	vestibulothalamic tract (pair) ^U
	11540	fibrae ascendentes monoaminergicae (par) ^U	monoaminergic ascending fibres (pair) ^U ▲
	8431	fibrae ascendentes serotonergicae (par) ^U	serotonergic ascending fibres (pair) ^U ▲
	8432	fibrae ascendentes noradrenergicae (par) ^U	noradrenergic ascending fibres (pair) ^U ▲
	8420	tractus descendentes originis rhombencephali rostralis (par) ^U	descending tracts of origin in rostral rhombencephalon (pair) ^U
75694	 5234	tractus caeruleospinalis (par) ^U	caeruleospinal tract (pair) ^U ; coeruleospinal tract (pair)
	8347↓	tractus reticulospinales (par) ^U	reticulospinal tracts (pair) ^U
73986	 5212	tractus reticulospinalis medialis (par) ^U ; tractus pontoreticulospinalis (par) ^U	medial reticulospinal tract (pair) ^U ; pontoreticulospinal tract (pair) ^U ; pontine reticulospinal tract (pair)
	8448	tractus originis rhombencephali caudalis (par) ^U	tracts of origin in caudal rhombencephalon (pair) ^U
	8449	radices centrales rhombencephali caudalis (par) ^U	central roots of caudal rhombencephalon (pair) ^U
	8450	fibrae vestibulocerebellares primariae (par) ^U	primary vestibulocerebellar fibres (pair) ^U ▲
72619	 5307	tractus solitarius (par) ^U	solitary tract (pair) ^U
	8451	tractus longi originis rhombencephali caudalis (par) ^U	long tracts of origin in caudal rhombencephalon (pair) ^U
	8452	tractus ascendentes originis rhombencephali caudalis (par) ^U	ascending tracts of origin in caudal rhombencephalon (pair) ^U
	12527	lemniscus medialis (par) ^U	medial lemniscus (pair) ^U

83675		5883	pars thalamica (par) 	thalamic part (pair) 
		5608	pars mesencephalica (par) 	mesencephalic part (pair) 
83675		5298	lemniscus medialis (par) 	medial lemniscus (pair) 
		14237	pars rhombencephalica caudalis (par) 	caudal rhombencephalic part (pair) 
		5296	fibrae arcuatae internaе (par) 	internal arcuate fibres (pair) 
72622		5297	decussatio lemniscorum medialis (par); decussatio sensoria (par)	decussation of medial lemnisci (pair); sensory decussation (pair)
		8453↓	tractus trigeminothalamicus rhombencephali caudalis (par) 	trigeminothalamic tracts of caudal rhombencephalon (pair) 
		8454	tractus trigeminothalamicus anterior (par)  ; tractus trigeminothalamicus ventralis (par)  ; lemniscus trigeminalis (par) 	anterior trigeminothalamic tract (pair)  ; ventral trigeminothalamic tract (pair)  ; trigeminal lemniscus (pair) 
		8455	tractus trigeminothalamicus lateralis (par) 	lateral trigeminothalamic tract (pair) 
		12058	tractus cuneocerebellaris (par) 	cuneocerebellar tract (pair) 
		5320	fibrae cuneocerebellares (par) 	cuneocerebellar fibres (pair)  ▲
		5308	fibrae arcuatae externaе posteriores (par)  ; fibrae arcuatae externaе dorsales (par) 	posterior external arcuate fibres (pair)  ; dorsal external arcuate fibres (pair)  ▲
		5275	fibrae arcuatae externaе anteriores (par)  ; fibrae arcuatae externaе ventrales (par) 	anterior external arcuate fibres (pair)  ; ventral external arcuate fibres (pair)  ▲
		8456	fibrae trigeminocerebellares (par) 	trigeminocerebellar fibres (pair)  ▲
72638		5305	tractus olivocerebellaris (par) 	olivocerebellar tract (pair) 
		8457	fibrae nucleocerebellares (par) 	nucleocerebellar fibres (pair)  ▲
		8458	fibrae raphecerebellares (par) 	raphecerebellar fibres (pair)  ▲
		8459	fibrae vestibulocerebellares (par) 	vestibulocerebellar fibres (pair)  ▲
		8460	fibrae vestibulocerebellares secundariae (par) 	secondary vestibulocerebellar fibres (pair)  ▲
		8461	fibrae gustatoriae ascendentes (par) 	ascending gustatory fibres (pair)  ▲
		8442	tractus descendentes originis rhombencephali caudalis (par) 	descending tracts of origin in caudal rhombencephalon (pair) 
		8443	tractus raphespinales (par) 	raphespinal tracts (pair) 
75686		5310	tractus raphespinalis anterior (par)  ; tractus raphespinalis ventralis (par) 	anterior raphespinal tract (pair)  ; ventral raphespinal tract (pair) 
		8444	tractus raphespinalis lateralis (par) 	lateral raphespinal tract (pair) 
		8445	tractus vestibulospinales (par) 	vestibulospinal tracts (pair) 
73974		5318	tractus vestibulospinalis lateralis (par) 	lateral vestibulospinal tract (pair) 
		8446	tractus vestibulospinalis medialis (par) 	medial vestibulospinal tract (pair) 
75689		5224↓	tractus reticulospinalis lateralis (par)  ; tractus bulboreticulospinalis (par) 	lateral reticulospinal tract (pair)  ; bulboreticulospinal tract (pair)  ; medullary reticulospinal tract (pair)
		8447	tractus solitariospinalis (par) 	solitariospinal tract (pair) 
75700		5240	tractus trigeminospinalis (par) 	trigeminospinal tract (pair) 
		5247	fibrae cuneospinales (par) 	cuneospinal fibres (pair)  ▲
		5248	fibrae gracilispinales (par) 	gracilispinal fibres (pair)  ▲
		12294	fasciculus prosencephali medialis ascendens (par)	ascending medial fasciculus of prosencephalon (pair)  ; ascending medial forebrain bundle (pair)
		12295	fasciculus longitudinalis posterior ascendens (par)  ; fasciculus longitudinalis dorsalis ascendens (par) 	ascending posterior longitudinal fasciculus (pair)  ; ascending dorsal longitudinal fasciculus (pair) 
		11920	fasciculus longitudinalis medialis ascendens (par) 	ascending medial longitudinal fasciculus (pair) 
		7944	tractus originis medullae spinalis (par) 	tracts of origin in spinal cord (pair) 

	7945	radices centrales medullae spinalis (par) ^U	central roots of spinal cord (pair) ^U
73941	 5246	fasciculus cuneatus (par) ^U	cuneate fasciculus (pair) ^U
258416	 5245	fasciculus gracilis (par) ^U	gracile fasciculus (pair) ^U
	7946	tractus proprii originis medullae spinalis (par) ^U ; tractus intrinseci originis medullae spinalis (par) ^U	proper tracts of origin in spinal cord (pair) ^U ; intrinsic tracts of origin in spinal cord (pair) ^U
77029	 5242↓	fasciculus propriospinalis posterior (par) ^U ; fasciculus propriospinalis dorsalis (par) ^U	posterior propriospinal fasciculus (pair) ^U ; dorsal propriospinal fasciculus (pair) ^U ; dorsal ground bundle (pair); posterior ground bundle (pair)
77030	 5243↓	fasciculus septomarginalis (par) ^U	septomarginal fasciculus (pair) ^U
73944	 5244↓	fasciculus interfascicularis (par) ^U ; fasciculus semilunaris (par) ^U	interfascicular fasciculus (pair) ^U ; semilunar fasciculus (pair) ^U
	7947	fasciculus cornucommissuralis (par) ^U	cornucommissural fasciculus (pair) ^U
77027	 5219	fasciculus propriospinalis lateralis (par) ^U	lateral propriospinal fasciculus (pair) ^U ; lateral ground bundle (pair)
75696	 5238	tractus spinocervicalis (par) ^U	spinocervical tract (pair) ^U
77026	 5206	fasciculus propriospinalis anterior (par) ^U ; fasciculus propriospinalis ventralis (par) ^U	anterior propriospinal fasciculus (pair) ^U ; ventral propriospinal fasciculus (pair) ^U ; anterior ground bundle (pair); ventral ground bundle (pair)
77028	 5207	fasciculus sulcomarginalis (par) ^U	sulcomarginal fasciculus (pair) ^U
	7954	tractus longi originis medullae spinalis (par) ^U	long tracts of origin in spinal cord (pair) ^U
	7955	tractus ascendentes originis medullae spinalis (par) ^U	ascending tracts of origin in spinal cord (pair) ^U
	 5250	fibrae spinograciles (par) ^U	spinogracile fibres (pair) ^U ▲
	 5249	fibrae spinocuneatae (par) ^U	spinocuneate fibres (pair) ^U ▲
77766	12531	tractus anterolateralis (par) ^U ; systema anterolaterale (par) ^U ; lemniscus spinalis (par) ^U	anterolateral tract (pair) ^U ; anterolateral system (pair) ^U ; spinal lemniscus (pair) ^U
	14394	pars thalamica (par) ^U	thalamic part (pair) ^U
	 5616↓	pars mesencephalica (par) ^U	mesencephalic part (pair) ^U
	14393	pars rhombencephalica rostralis (par) ^U	rostral rhombencephalic part (pair) ^U
77766	 5324	pars rhombencephalica caudalis (par) ^U	caudal rhombencephalic part (pair) ^U
	14392	pars spinalis (par) ^U	spinal part (pair) ^U
	7948	tractus spinoreticularis (par) ^U	spinoreticular tract (pair) ^U
	 5331	fibrae spinorhombencephalica (par) ^U	spinorhombencephalic fibres (pair) ^U ▲
	8373	fibrae rhombencephalica caudales (par) ^U ; fibrae bulbares (par) ^U	caudal rhombencephalic fibres (pair) ^U ; bulbar fibres (pair) ^U ▲
	 5326	fibrae spinoreticulares rhombencephali caudalis (par) ^U	spinoreticular fibres of caudal rhombencephalon (pair) ^U ▲
	8372	fibrae spinorhombencephalica rostrales (par) ^U	rostral spinorhombencephalic fibres (pair) ^U
	7951	fibrae spinoreticulares rhombencephali rostralis (par) ^U	spinoreticular fibres of rostral rhombencephalon (pair) ^U ▲
	8418	fibrae spinofaciales (par) ^U	spinofacial fibres (pair) ^U ▲
	7537	tractus spinoparabrachialis (par) ^U	spinoparabrachial tract (pair) ^U
	7952	fibrae spinoparabrachiales (par) ^U	spinoparabrachial fibres (pair) ^U ▲
73968	 5226	tractus spinomesencephalicus (par) ^U	spinomesencephalic tract (pair) ^U
	7956	fibrae spinointercolliculares (par) ^U	spinointercollicular fibres (pair) ^U ▲
	 5328	fibrae spinotectales (par) ^U	spinotectal fibres (pair) ^U ▲
	 5329	fibrae spinoperiaqueductales (par) ^U	spinoperiaqueductal fibres (pair) ^U ▲
	 5327	fibrae spinomesencephalicae (par) ^U	spinomesencephalic fibres (pair) ^U ▲
	7538	tractus spinothalamici (par) ^U	spinothalamici tracts (pair) ^U
	7538	# tractus spinothalamicus ^U	# spinothalamici tract ^U

	8318	fibrae spinothalamicae (par)	spinothalamic fibres (pair) ▲
	14265	pars thalamica (par)	thalamic part (pair)
	14240	pars mesencephalica (par)	mesencephalic part (pair)
	14239	pars rhombencephalica rostralis (par)	rostral rhombencephalic part (pair)
75206	5325	pars rhombencephalica caudalis (par)	caudal rhombencephalic part (pair) ▲
	14238	pars spinalis (par)	spinal part (pair)
75684	5217	tractus spinothalamicus anterior (par) ; tractus spinothalamicus ventralis (par)	anterior spinothalamic tract (pair) ; ventral spinothalamic tract (pair)
73965	5227	tractus spinothalamicus lateralis (par)	lateral spinothalamic tract (pair)
	7957↓	tractus spinohypothalamicus (par)	spinohypothalamic tract (pair)
	5330	fibrae spinohypothalamicae (par)	spinohypothalamic fibres (pair) ▲
	7958	tractus cervicothalamicus (par)	cervicothalamic tract (pair)
	12547	tractus spinoolivaris (par)	spinoolivary tract (pair)
72643	5304↓	pars rhombencephalica caudalis (par)	caudal rhombencephalic part (pair)
73971	5232	pars spinalis (par)	spinal part (pair)
75213	5332	fibrae spinoolivares (par)	spinoolivary fibres (pair)
	7539	tractus spinovestibularis (par)	spinovestibular tract (pair)
72646	5333	pars rhombencephalica caudalis (par)	caudal rhombencephalic part (pair)
75699	5239	pars spinalis (par)	spinal part (pair)
	7959	fibrae spinovestibulares (par)	spinovestibular fibres (pair) ▲
	7960	tractus spinocerebellares (par)	spinocerebellar tracts (pair)
	8419	tractus spinocerebellaris rostralis (par)	rostral spinocerebellar tract (pair)
72642	5312	tractus spinocerebellaris anterior (par) ; tractus spinocerebellaris ventralis (par)	anterior spinocerebellar tract (pair) ; ventral spinocerebellar tract (pair)
73950	5319	tractus spinocerebellaris posterior (par) ; tractus spinocerebellaris dorsalis (par)	posterior spinocerebellar tract (pair) ; dorsal spinocerebellar tract (pair)
	11904	fibrae afferentes somatosensoriae (par)	somatosensory afferent fibres (pair) ▲
	11905	fibrae afferentes propioceptivae (par)	proprioceptive afferent fibres (pair) ▲
	11906	fibrae afferentes viscerosensoriae (par)	viscerosensory afferent fibres (pair) ▲
	7619	tractus mixti systematis nervosi centralis (par)	mixed tracts of central nervous system (pair)
	11898	fasciculus peduncularis (par)	peduncular fasciculus (pair)
	11856	fasciculus peduncularis ascendens	ascending peduncular fasciculus
84379	6193	fasciculus peduncularis descendens	descending peduncular fasciculus
62071	7618	ansa peduncularis (par)	ansa peduncularis (pair)
	5876	fibrae thalamotemporales	thalamotemporal fibres ▲
	8525	fibrae corticothalamicae	corticothalamic fibres ▲
	8544	fasciculus amygdalofugalis ventralis	ventral amygdalofugal bundle
	7964	fasciculus prosencephali medialis (par)	medial fasciculus of prosencephalon (pair) ; medial forebrain bundle (pair)
	12294	fasciculus prosencephali medialis ascendens	ascending medial fasciculus of prosencephalon ; ascending medial forebrain bundle
	7950	fasciculus prosencephali medialis descendens	descending medial fasciculus of prosencephalon ; descending medial forebrain bundle
62063	7620	fasciculus longitudinalis posterior (par) ; fasciculus longitudinalis dorsalis (par)	posterior longitudinal fasciculus (pair) ; dorsal longitudinal fasciculus (pair)
	12295	fasciculus longitudinalis posterior ascendens ; fasciculus longitudinalis dorsalis ascendens	ascending posterior longitudinal fasciculus ; ascending dorsal longitudinal fasciculus
	8751	fasciculi longitudinalis posterioris descendens ; fasciculus longitudinalis dorsalis descendens	descending posterior longitudinal fasciculus ; descending dorsal longitudinal fasciculus

7930	fasciculus longitudinalis medialis (par) 	medial longitudinal fasciculus (pair) 
11920	fasciculus longitudinalis medialis ascendens  	ascending medial longitudinal fasciculus  
8495	fasciculus longitudinalis medialis descendens  	descending medial longitudinal fasciculus  
	446 lines	
	1297 entities	

 SCIENTIFIC NOTES

UID Libelle of note

5078 For the updated TNA, the following subdivision of the long fibre tracts has been adopted, based on Swanson and Bota's proposal (Swanson LW, Bota M 2010 Foundation model of structural connectivity in the nervous system with a schema for wiring diagrams, connectome, and basic plan architecture. Proc Natl Acad Sci USA 107:20610-20617). In essence, this system includes: (1) Radices centrales (Central roots) for the cranial nerve roots within the brain stem, including the genu of the facial nerve, the decussation of the trochlear nerves, the solitary tract, the spinal and mesencephalic tracts of the trigeminal nerve, and the gracile and uneate fasciculi. The tractus opticus may also be viewed as a central root for the diencephalon and hypothalamus. (2) Tractus proprii (Intrinsic tracts), remaining to one part of the brain or within the spinal cord. The Tractus associationis cerebri (Association tracts of cerebrum), intrinsic to the cerebrum, are listed under their usual name. (3) Tractus commissurales (Commissural tracts) for the corpus callosum and the commissures (anterior, habenular, posterior); the term Transverse tracts will not be applied, some 'transverse tracts' are contralateral branches of a long tract. (4) Tractus longi (Longitudinal tracts) to be divided into: (a) Ascending tracts; (b) Cerebellar efferent tracts; and (c) Descending tracts. The problem of redundancy/repetition of terms has been solved by adding a topographical description where appropriate (pars spinalis/spinal part, pars rhombencephalica caudalis/caudal rhombencephalic or pars bulbaris/bubar part), pars rhombencephalica rostralis/rostral rhombencephalic part, pars pontina/pontine part, where appropriate and related to the real pons, pars mesencephalica/mesencephalic part, pars cerebellaris/cerebellar part, pars diencephalica/diencephalic part, pars hypothalamica/hypothalamic part, Pars capsularis/capsular part)

5224 For the Reticulospinal tracts various terms are used in the literature. Following the study on human reticulospinal fibres by Nathan PW, Smith MC, Deacon P (1996 Vestibulospinal, reticulospinal and descending propriospinal nerve fibres in man. Brain 119:1809-1833), here, a simplified subdivision into a Lateral (from The Myelencephalon) and a Medial reticulospinal tract (from the Pons) is advocated.

5242 Nathan and Smith described the Propriospinal fasciculi as Posterior or Dorsal, Lateral, and Anterior or Ventral Ground bundles (Nathan PW, Smith MC 1959 Fasciculi proprii of the spinal cord in man. Brain 82:610-668). The term Fasciculus septomarginalis (Septomarginal fasciculus) is used for: 1) the Oval bundle of Flechsig, present at lumbar levels; and 2) the Triangle of Philippe-Gombault, present at sacral levels (see Schoenen J, Grant G 2004 The spinal cord: Connections. In: Paxinos G, Mai JK, eds: The Human Nervous System, 2nd ed. Elsevier, Amsterdam, pp 236-265). The term Fasciculus interfacicularis is also known as the Comma tract of Schultze, present at cervical and high thoracic levels. According to Nathan and Smith (1959), the Comma tract consists of descending divisions of the cervical and upper thoracic dorsal roots. The Fasciculus cornucommissuralis is present throughout the cord, best developed at lumbar levels; situated along the medial side of the posterior grey column abutting the posterior commissure. It consists of ipsilaterally running propriospinal fibres (see Schoenen and Grant 2004).

5243 See note # 5242

5244 See note # 5242

5304 For the Tractus spinoolivaris (Spino-olivary tract) as eponym Helweg tract is used. Smith and Deacon (Smith MC, Deacon P 1981 Helweg's triangular tract in man. Brain 104:249-277) denied that Helweg's tract contains spino-olivary fibres; more likely reticulospinal; Helweg's tract can be identified in Weigert-stained sections, but hardly in Luxol-Fast-Blue-stained sections. The term Fibrae olivospinales is deleted (non-existent); they are probably reticulospinal fibres; see Brodal A 1969 Neurological Anatomy in Relation to Clinical Medicine, 2nd ed. Oxford University Press, New York).

5616 (Tractus anterolateralis): A Tract may be defined as a projection (a set of fibres with one main source and one main site of termination) which manifests itself as a fibre concentration over at least part of its course (Nieuwenhuys R 1998 Structure and organisation of fibre systems. In: Nieuwenhuys R, ten Donkelaar HJ, Nicholson C: The Central Nervous System of Vertebrates. Springer, Berlin-Heidelberg-New York, pp 113-157). For fibre systems with a more diffuse organization, the term Fibrae is advocated.

6267 The Capsula extrema (Extreme capsule) forms one of the Long association systems involved in language processing (see Catani M, Thiebaut de Schotten M 2012 Atlas of Human Brain Connections. Oxford University Press, Oxford).

6269 Although in the Fasciculus arcuatus (Arcuate fasciculus) three segments (anterior, long and posterior) were distinguished (Cayani M, Jones DK, ffytche DH 2005 Perisylvian language pathways. Ann Neurol 57:8-16), more recent research showed that the anterior segment belongs to the superior longitudinal fasciculus and the posterior segment is in reality separate and was renamed Fasciculus temporoparietalis verticalis (temporoparietal vertical or aslant tract), leaving the long segment as the true arcuate fasciculus (Fernandez-Miranda JC, Wang Y, Pathak S, et al. 2015 Asymmetry, connectivity, and segmentation of the arcuate fascicle in the human brain. Brain Struct Funct 220:3665-3680)

6272 The Fasciculus longitudinalis superior (Superior longitudinal fasciculus) appears to be composed of three bundles (SLFI-III or Superior, Middle and Inferior; Makris N, Kennedy DN, McInerney S, et al. 2005 Segmentation of subcomponents within the superior longitudinal fascicle in humans: A quantitative, in vivo, DT-MRI study. Cereb Cortex 15:854-869) as in monkeys (Schmahmann JD, Pandya DN 2006 Fiber Pathways of the Brain. Oxford University Press, New York; Thiebaut de Schotten M, Dell'Acqua F, Valabreque R, Catani M 2012 Monkey to human comparative anatomy of the frontal lobe association tracts. Cortex 48:82-96).

6273 Here, the new nomenclature for the long association fibres of the cerebrum is advocated as proposed by Mandonnet E, Sarubbo S, Petit L (2018 The nomenclature of human white matter association pathways: Proposal for a systematic taxonomic anatomical classification. Front Neuroanat 12:94).

6274 The Fibrae U-figuratae (U-shaped fibres) were first described by Meynert (1872), and replaced the term Fibrae arcuatae cerebri (Arnold 1838) that became obsolete.

- 6278 Recently, the Fasciculus temporoparietalis verticalis (Temporoparietal aslant tract) was demonstrated, replacing the vertical segment of the arcuate fasciculus (Panesar SS, Belo JT, Yeh F-C, Fernandez-Miranda JC 2019 Structure, asymmetry, and connectivity of the human temporo-parietal aslant and vertical occipital fasciculi. *Brain Struct Funct* 224:907-923; see also 6273).
- 6286 (Commissura hippocampi): The old term Psalterium has been added; much in use by clinicians; for a study on the cells of origin of commissural connections of the monkey hippocampal formation, see Amaral DG, Insausti R, Cowan WM (1984) The commissural connections of the monkey hippocampal formation. *J Comp Neurol* 224:307-336.
- 7460 The Tractus vestibulomesencephalici include (Büttner-Ennever JA, Gerrits NM 2004 Vestibular system. In: Paxinos G, Mai JK, eds. *The Human Nervous System*, 2nd ed. Elsevier, Amsterdam, pp 1213-1240): the Tractus vestibulomesencephalicus medialis, containing fibres from Vestibular nuclei to Oculomotor nuclei, passing via the MLF; the Tractus vestibulomesencephalicus lateralis, with fibres from the Lateral vestibular nucleus to Oculomotor nuclei, passing just lateral to the MLF (eponym: Ascending tract of Deiters; the Tractus vestibulomesencephalicus ventralis, with fibres from the Y group and the Superior vestibular nucleus crossing in the Ventral tegmentum either within or below the Brachium conjunctivum.
- 7957 A Tractus spinohypothalamicus (Spinohypothalamic tract) has been characterized functionally in monkeys (Zhang X, Wenk HN, Gokin AP, et al. 1999 Physiological studies of spinohypothalamic tract neurons in the lumbar enlargement of monkeys. *J Neurophysiol* 82:1054-1058; see also Westlund KN, Willis WD Jr 2012 Pain system. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 1144-1186).
- 8347 See note # 5224
- 8426 (Tractus trigeminothalamici): The Tractus trigeminothalamicus anterior arises in the Spinal trigeminal nucleus and joins the Medial lemniscus, whereas the Tractus trigeminothalamicus lateralis arises in the Caudal part of the Spinal trigeminal nucleus and joins the Anterolateral tract.
- 8430 (Tractus vestibulothalamicus): In monkeys, Vestibulothalamic projections pass via both the FLM and the Ascending tract of Deiters (Lang W, Büttner-Ennever JA, Büttner U 1979 Vestibular projections to the monkey thalamus: An autoradiographic study. *Brain Res* 177:3-17). Zwergal et al. (2008) demonstrated a Vestibulothalamic tract adjacent to the Medial lemniscus in humans (Zwergal A, Büttner-Ennever JA, Brandt T, Strupp M 2008 An ipsilateral vestibulothalamic tract adjacent to the medial lemniscus in humans. *Brain* 131:2928-2935).
- 8453 See note # 8426
- 8539 The Via endofolialis (Endfolial pathway) is composed of Hilar Schaffer collaterals from CA3h (see Lim C, Mufson EJ, Kordower JH, et al. 1997 Connections of the hippocampal formation in humans. II. The endfolial pathway. *J Comp Neurol* 385:352-371).
- 9508 The Pedunculus temporalis (Temporal peduncle) forms the connection between the temporal and frontal lobes and contains: (1) the Fasciculus occipitofrontalis inferior (Inferior occipitofrontal fasciculus); and (2) the Fasciculus uncinatus cerebri (Uncinate fasciculus).
- 9509 The Fasciculus subcallosus (Subcallosal fasciculus or Bundle of Muratoff; Muratoff W 1893 Secundäre Degenerationen nach Durchschneidung des Balkens. *Neurol Centralbl* 12:714-729) forms a separate bundle of Corticostriatal fibres (see Schmahmann JD, Pandya DN 2007 The complex history of the fronto-occipital fasciculus. *J Hist Med* 16:362-377).
- 9510 The Fasciculus frontalis obliquus (Frontal aslant tract or Frontal oblique tract) connects the SMA and pre-SMA with the opercular part of the Inferior frontal gyrus (Catani M, Dell'Acqua F, Vergani F, et al. 2012 Short frontal lobe connections of the human brain. *Cortex* 48:273-291).